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| | INFORMATION DISCLOSUF | RE CITATÍON | | st, et al. | | |
| | INFORMATION DISCLOSUF | | P 2 5 2002 Pling #3/11/02 | | GROUP | |
| | | A KEAT | DE PATENT DOCUMENTS | | ······································ | |
| *EXAMINER | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| This | 6,183,829 | 02/2001 | DAECHER et al. | 428 | 64.1 | |
| . 01 | 6,191,053 | 2/20/01 | CHUN et al. | 438 | 780 | 6/10/98 |
| 4 | 6,194,045 | 2/27/01 | ANNACONE et al. | 428 | 64.1 | 11/22/95 |
| ካ | 6,200,633 | 3/13/01 | KITANO et al. | 427 | 240 | 8/9/99 |
| 4. | 6,225,240 | 5/1/01 | YOU et al. | 438 | 782 | 11/12/98 |
| 4 | 6,232,247 | 5/15/01 | GORDON et al. | 438 | 780 | 10/4/99 |
| 4 | 6,248,395 | 6/19/01 | HOMOLA et al. | 427 | 129 | 5/24/99 |
| 7 | RE 36,806 | 08/2000 | LANDIN et al. | 428 | 64.1 | |
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| | | FOR | EIGN PATENT DOCUMENTS | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
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| | OTHER DOCUM | IENTS (Includi | ing Author, Title, Date, Pertine | nt Pages, Etc.) | | |
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|------------------|-----------------|----------|-----------------|---------------------------------------|----------|-------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
| july | 5,772,905 | 6/30/98 | снои | 216 | 44 | 11/15/95 |
| /1 | 5,781,526 | 7/14/98 | NISHIZAWA | 369 | 275.3 | 2/14/97 |
| И | 5,838,654 | 11/17/98 | KAGAWA et al. | 369 | 275.1 | 5/5/97 |
| 1 | 5,967,030 | 10/19/99 | BLALOCK | 100 | 211 | 12/6/96 |
| 1 | 5,972,461 | 10/26/99 | SANDSTROM | 428 | 64.3 | 1/6/98 |
| ٠ ५ | 6,010,761 | 1/4/00 | TATEWAKI et al. | 428 | 64.1 | 8/27/98 |
| 4 | 6,062,133 | 5/16/00 | BLALOCK | 100 | 211 | 4/7/99 |
| h | 6,127,017 | 10/3/00 | HIRATA et al. | 428 | 64.1 | 4/30/98 |
| 9 | 6,136,401 | 10/24/00 | YAMAMOTO et al. | 428 | 64.1 | 01/20/00 |
| 4 | 6,156,422 | 12/5/00 | WU et al. | 428 | 332 | 11/10/98 |
| 4 | 6,165,391 | 12/26/00 | VEDAMUTTU | 264 | 1.33 | 1/23/97 |

FOREIGN PATENT DOCUMENTS

| | | T . | · · · · · · · · · · · · · · · · · · · | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | | | AND WE | SOPATENT | r DOCUMENTS | ! | | | |
| EXAMINER | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DA | |
| JUB | 5,242 | 2,630 | 9/7/93 | NUIJ e | t al. | 264 | 1.3 | 2/18/92 | |
| ч | 5,33 | 5,526 | 8/9/94 | GARRI | ISON, deceased et al. | 72 | 47 | 1/30/92 | |
| 4 | 5,39 | 5,803 | 3/7/95 | ADAM | S | 437 | 229 | 9/8/93 | |
| 4 | 5,40 | 9,756 | 4/25/95 | IKEDA | et al. | 428 | 64 | 9/11/92 | |
| ۲ | 5,42 | 7,599 | 6/27/95 | GRESO | CHNER et al. | 65 | 305 | 1/11/94 | |
| 5 | 5,44 | 7,767 | 09/1995 | TANAI | BE et al. | 428 | 64.4 | , | |
| ι, | 5,452 | 2,282 | 9/19/95 | ABRAI | MAE | 369 | 603 | 6/15/92 | |
| ч | 5,532 | 2,192 | 7/2/96 | ADAM | S | 437 | 229 | 12/14/94 | • |
| 4 | 5,533 | 3,002 | 7/2/96 | ABRAI | MAE | 369 | 275.3 | 10/19/92 | 2 |
| ۲ | 5,552 | 2,009 | 9/3/96 | ZAGEF | R et al. | 156 | 220 | 4/10/95 | |
| 4 | 5,620 | 6,886 | 5/6/97 | ISHII . | | 425 | 116 | 2/21/95 | |
| | | | FORE | IGN PATE | NT DOCUMENTS | | | | |
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| | | RAMEMAR | B. PATENT | DOCUMENTS | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DAT | _ |
| 144 | 4,673,602 | 6/16/87 | NAKA' | YAMA et al. | 428 | 65 | 6/5/85 | |
| lį | 4,731,155 | 3/15/88 | NAPOI | LI et al. | 156 | 643 | 4/15/87 | |
| 4 | 4,810,527 | 3/7/89 | GEAR | Y, JR. et al. | 427 | 54.1 | 9/18/87 | |
| 4 | 4,831,244 | 5/16/89 | SLAFE | R et al. | 235 | 487 | 10/1/87 | |
| 4 | 4,975,327 | 12/4/90 | SOMA | SIRI et al. | 428 | 409 | 7/11/89 | |
| 4 | 4,987,020 | 01/1991 | BONNI | EBAT et al. | 428 | 64 | | |
| 4 | 5,078,947 | 1/7/92 | NISHI2 | ZAWA et al. | 264 | 1.1 | 9/28/89 | |
| 4 | 5,094,796 | .3/10/92 | KATOI | H et al. | 264 | 313 | 3/10/92 | |
| 4 | 5,094,884 | 3/10/92 | HILLM | LAN et al. | 427 | 240 | 4/24/90 | |
| 4 | 5,119,259 | 6/2/92 | KIKUC | CHI | 360 | 135 | 12/5/90 | |
| (| 5,188,863 | 2/23/93 | de GRA | AF et al. | 427 | 512 | 12/18/90 |) |
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| *EXAMINER | REF | DOCUMENT NUMBER | DATE | Ī | NAME | CLASS | SUBCLASS | FILING DATE |
| TIAL | | 4,492.718 | 01/08/85 | MAYE | R. ET AL. | | | IF APPROPRIATE |
| n | | 4.584,259 | 04/22/86 | MAYE | R. ET AL. | | | |
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| EXAMPLER INSTITUL | PATENT NUMBER | ISSUE DATE | | PATENTEE | CLASS | SUBCLASS | FILING DATE |
| Muy | 4,965,780 | 10/23/90 | Lee, et al. | (Abstract) | 1 | | 1 |
| įn į | 4;923,942 | 5/8/90 | Takeyama | , et al. | 7 | 1 | 1 |
| 4 | 4,911,966 | 3/27/90 | Мигауата | , et al. | 1 | -/ | 7 |
| ч | 4,908,826 | 3/13/90 | Hertrich (A | Abstract) | 7 | | |
| 4 | 4,902,746 | 2/20/90 | Serini, et a | i. | | | |
| 4 | 4,893,910 | 1/16/90 | Birecki | | | | |
| 1 | 4,885,649 | 12/5/89 | Das (Abstr | act) | | | |
| ч | 4,845,142 | 7/4/89 | Niwano, et | al. | | | |
| ц | 4,841,501 | 6/20/89 | Izuka, et a | | | | |
| ч . | 4,809,110 | 2/28/89 | Hertrich (A | Abstract) | | | |
| 1 | 4,741,689 | 5/3/88 | Onizawa, | et al. | | | |
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| | OTHER DO | CUMENTS (Inc | duding Author, | Title, Date, Pertinent Pag | ges, Elc.**) | | |
| n, | DATA Storag | ge on Decemb | er 02, 1999, | Article Date: May, 19 | 99, "Patter | ned media | : Giant step |
| 14 | in magnetic st | torage" (7 pag | ges) | | | | |
| ′′′ | DATA Storag | ge on Decemb | er 02, 1999, | Article Date: January, | 1999, "M | agnetic Re | cording: |
| | the next 100 y | ears" (10 pag | (es) | · · · · · · · · · · · · · · · · · · · | | | |
| Μ. | | of TeraStor's | Near Field | Recording Technology | , http://20 | 9.24.93.3/t | ech_info, |
| The ! | (8 pages) | | | | | | |
| | | | | tp://www.basis-embh. | | | |
| Alufi | | | | ear Field Record", http:/ | | | 8 pages) |
| EXAMPLE . | "Facts About | Near Field Re | tp://209.24.93.3/tech | info. (3 pa | ges) | | |
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^{*} Use Publication date indicated on the patent or published application. 37 CFR 1.98(b).

**The place or publication refers to the name of the journal, magazine or other publication in which the article was published....* Notice of January 9, 1992, 11 13 to 25, at 20.

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| 1MA | + | 5.5 | 355,746 | 1/5/99 | Deshibation | | CLASS | SUBCLASS | F APPROPRIATE | 1 |
| 17 17 | +- | +- | 314,400 | 9/29/98 | Prabhakara Kirino, et a | | | AI | | - |
| 1 | + | + | 789,756 | 8/4/98 | Guzik | u | | + - 1 | | - |
| 4 | +- | 1 | 729,393 | 3/17/98 | | | -+ | | | |
| · h | | +- | | | Lee, et al. | | $-\!\!\!\!\!+$ | 1-1 | | |
| u u | + | 1 | 589,480 | 11/18/97 | Kino | | | B | | |
| 14 | + | 1 | 666,237 | 9/9/97 | Lewis (Abs | stract) | | 1 7 4 | FUEN | 10 |
| نام | + | | 90,115 | 12/31/96 | Kubo | | | MA | CEA Y 1 200 | EL |
| 4 | - | - | 85,159 | 12/17/96 | Miyake, et | | | ITC | 200 | 2 |
| 4 | +- | | 83,705 | 12/10/96 | | et al. (Abstract) | | 1 | 1/200 |) |
| 17 | - | | 37,034 | 7/16/96 | Lewis (Abs | | 1 | | / | |
| , | <u> </u> | 5,5 | 33,001 | 7/2/96 | Watanabe, | · | | Ц | <u> </u> | ı |
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| i | | | Thermoplasti | c Composites | Reinforced | With Melt Processable | Glass", I | R.T. Young | g and D.G. | |
| 11.0 | | | Baird (5 pages | | | | | | | 1 |
| 144 | | | Philips Research | n - Digital Vid | eo Recorder, l | http://www.research.phil | ps.com/p | ressmedia/l | nighlights (2 | |
| | | | pages) | | | | | | | |
| (; | | | Maxell Device: | DVD-RAM, h | ttp://www.ma | xell.co.jp/eng/device/dva | i-ram/pro | file.html (2 | pages) | |
| | | | AV & Develop | ment Center, | http://www. | pioneer.co.jp/crdl/av.h | lm (1 pa | ge) | | |
| ų · | Near Field Perceding NED 144-14 | | | | | .nswc.navv.mil/cosip/r | 10v98 (5 | pages) | | |
| | Technical Info, http://209.24.93.3/tec | | | | | ifo/backgrounder.html | (3 pages |) | | |
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^{*}Use Publication date indicated on the patent or published application. 37 CFR 1.98(b).

"The place or publication refers to the name of the journal, magazine or other publication in which the article was published...." Notice of January 9, 1982, 11 13 to 25, at 20.

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| EXAMPLER INITIAL | PATENT NUMBER | ISSUE | S. PATENT D | PATENTEE | GASS | SUBCLASE |
| 7/11/3 | 5,515,346 | 5/7/96 | Watanabe, | | - | 7 |
| 1111 | 5,493,454 | 2/20/96 | | , et al. (Abstract) | | // |
| ٦ | 5,490,131 | 2/6/96 | Ohta, et al. | | + -/ | |
| 7 | 5,489,774 | 2/6/96 | | et al. (Abstract) | + + | +-+ |
| 7. | 5,470,627 | 11/28/95 | Lee, et al. | (11000000) | + + | ++ |
| 11 | 5,453,168 | 10/26/95 | Neison, et | ai. | 1-1- | 1-1- |
| 4 | 5,392,263 | 2/21/95 | Watanabe, | | | ++- |
| 4 | 5,379,439 | 1/3/95 | Harrison, e | | | ++- |
| 4 | 5,354,985 | 10/11/94 | Quate (Abs | | 1-1- | + |
| ы | 5,354,517 | 10/11/94 | Yamasaki, | | 1 | 1 2 |
| 4 | 5,311,376 | 5/10/94 | Joan, et al. | | / | 11- |
| | FOREIG | N PATENT OR F | UBLISHED F | OREIGN PATENT APP | ICATION | |
| | DOCUMENT NUMBER | PUBLICATION DATE: | | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS |
| 140 | WO 8706385 | 10/22/87 | World Orga | anization (Abstract). | | 1 7 |
| it. | 06309714ЛР А | 11/04/94 | Japan (Abs | tract) | 1 | 5-1 |
| u | 06162583JP A | 6/10/94 | Japan (Absi | tract) | | FC |
| | 06158281JP A | 6/07/94 | Japan (Absi | tract) | | MAYO |
| (1) | 06150419ЛР А | 5/31/94 | Japan (Abst | tract) | /1 | 617 |
| | OTHER D | OCUMENTS (Inc | luding Author, | Title, Date, Pertinent Pag | jes, Elc.**) | 17 |
| has | Stragetic Pa | tners Home, ht | tp://209.24.9 | 3.3/partners/index.htr | <u>nl</u> (1 page | :) |
| /4/> | TeraStor, htt | p://www.terast | or.com/news/ | (6 pages) | | |
| 4 | 1 1 | ant magnetores | • | | | |
| ' | | | | skdrdl/technolo/gmr/ | | · |
| | | | | ologies, http://itri.loyo | | to/c3_s5.h |
| 9 | | | | o://itti.loyola. (2 page | | |
| | Chp 3: Over | view of Optical | Storage Syst | ems, <u>http://itri.loyola</u> | <u>edu/</u> (4 p: | ages) |

| Form P (Modified | TO-1449 | | U.S. DEPARTMENT PATENT AND TRAC | OF COMMERCE DEMARK OFFICE | 08CN8803-26 | | 714L NO. 0/063,00 | 04 |
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| EXAMPLER INITIAL | | PATENT NUMBER | DATE | ļ | PATENTÉE | CLASS | SUBCLASS | FRUNG DATE |
| JM/2 | 5 | ,309,303 | 5/3/94 | Hsia, et al. | | | $\Lambda = I$ | |
| .,, | 5 | ,296,528 | 3/22/94 | Lütjens, et | al. | | | |
| 17 | 5 | ,242,761 | 9/7/93 | Uchiyama | (Abstract) | | | |
| | 5 | ,230,025 | 7/20/93 | Fishbine, e | et al. | | | |
| . 11 | 5 | ,202,380 | 4/13/93 | Lee, et al. | | | | 1 |
| ч | 5 | ,199,090 | 3/30/93 | Bell | | | TT | |
| h | 5 | ,193,039 | 3/9/93 | Smith, et a | I. (Abstract) | T | | 17/ |
| ٩ | 5 | ,191,563 | 3/2/93 | Lee, et al. (| (Abstract) | | | |
| 1, | 5, | ,178,926 | 1/12/93 | Tanaka, et | al. | | 17 | |
| 41 | 5, | ,177,656 | 1/5/93 | Hughes | | | | |
| 11 | 5, | 171,585 | 12/15/92 | Onisawa, e | t al. | | 17 | 1 |
| | , | FOREIGN | PATENT OR P | UBLISHED F | OREIGN PATÈNT APPL | JCATION | | |
| 11 7 | | DOCUMENT NUMBER | PUBLICATION DATE* | | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION YES NO |
| 4Ms | 00 | 6119668ЛР А | 4/28/94 | Japan (Abs | tract) | | 1 / | |
| (1 | 00 | 5004908ЈР А | 1/14/94 | Japan (Abs | tract) | -/ | | |
| · U | 06 | 6004916ЈР А | 1/14/94 | Japan (Absi | tract) | | / 7 | En |
| 4 | 06 | 6187683JP A | 7/08/94 | Japan (Abst | tract) | | | シンと |
| ч | .06 | 6020316ЛР А | 1/28/94 | Japan (Abst | tract) | 1 | / M | AY 01 |
| | | OTHER DO | CUMENTS (Inc | fuding Author, | Title, Date, Pertinent Pag | es, Etc.**) | | 17 |
| 1. | | Chp 3: Compa | rison of Japan | nese and U.S | . R&D, http://itri.loyo | <u>la.edu/</u> (1 | page) | 17 |
| IIII I | | T . | | | Production Ramp-Up", | | | |
| 124 | | | | | California San Diego, Au | | | |
| Ų | _ | | | | h Areal Densities", R&I | | | (6 pages) |
| | | The WTEC Hi | gh Density D | ata Storage S | Study, http://itri.loyola | <u>.edu/</u> (2 p | ages) | |
| | | 1 | | | or Pre-Embossed Servo | | | Disks", |
| 4. | - | | | | fagnetics, Vol.30, No. 6 | | | |
| | | 1 | | | drick, R eport 98-03, N | lovember | , 1998, <u>http:</u> | ://www- |
| EXAMINER | | irps.ucsd.edu/- | sioan/papers | | DATE CONSIDERED | | | |
| | 2. Iulijai II | ditation considered | the the constant | | | 5/12 | | |
| in conform | ance and | not considered, includ | le copy of this for | m with next com | mance with MPEP 609; Draw munication to applicant. | line throug | | |
| | | | | | | | (Form P | TO-1449 [8-4]) |

^{*} Use Publication date indicated on the patent or published application. 37 CFR 1.98(b).

**The place or publication refers to the name of the journal, magazine or other publication in which the article was published....* Notice of January 9, 1992, 11

13 to 25, at 20.

(Form PTO-1449 [8-4])

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| Statement by Applicant (Use several sheets it necessary) Continued Contin | | | | | | | 1 | | 14 |
| Thomas P. Feist, et al. | | | | | | | | 7,003,00 | |
| COMPANDED COMP | | | Statement by A | Applicant | | Thomas P. Fei | ist, et | al. | |
| U.S. PATENT DOCUMENTS | (37 cfr 1. | .98(ъ) | | (necessary) | | | | | |
| U.S. PATENT OOCUMENTS PATENT NAMES PATENT NAM | | | | | | 03/11/02 | | | |
| PATENT NAMES DATE PATENT NAMES DATE PATENTE CLASS SUBCLASS PATENTE PATENT NAMES DATE PATENT NAMES PATE | | | | U.S | S PATENT O | L | | | |
| S.094,925 3/10/92 Ise, et al. | | T | PATENT NUMBER | ISSUE | | | CLASS | SUBCLASS | |
| S,093,174 3/3/92 Suzuki, et al. | | 1 | 5,094,925 | <u> </u> | Ise, et al. | | | | F APPROPRIATE |
| SAMINER: Include: In Consumer via property of the pages o | | 5,093,174 3/3/92 Suzuki, | | | | al. | | | |
| S,053,096 11/3/91 Kohara, et al. | 1 | | | | | | 1 | | /- |
| S,018,128 5/21/91 Goldberg 1, 5,018,128 5/21/91 Goldberg, et al. 1, 5,02,706 3/26/91 Yamashita 1, 4,999,234 3/12/91 Cowan 1, 4,986,938 1/22/91 Izuka, et al. 1, 4,983,335 1/8/91 Matsuo, et al. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION DOCUMENT MARKER PUBLISHED FOREIGN PATENT APPLICATION | 11 | | 5,063,096 | 11/5/91 | Kohara, et | al. | | | |
| S,018,128 5/21/91 Goldberg | 4 | | 5,059,473 | 10/22/91 | Takahashi, | et al. | | | |
| S,014,259 S7791 Goldberg, et al. 5,002,706 3/26/91 Yamashita May 4,999,234 3/12/91 Cowan 4,986,938 1/22/91 Izuka, et al. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION COMMITTION COLMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**) "Patterned Media: A Viable Route to 50 Gbit/in² and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning". Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: initial if elition considered, wneither or not citation is in conformance with MPEP 909; Draw line through distant lines." SEXAMINER: initial if elition considered, wneither or not citation is in conformance with MPEP 909; Draw line through distant lines. | l\ | | 5,018,128 | 5/21/91 | Goldberg | | | | |
| 4,999,234 3/12/91 Cowan 4,986,938 1/22/91 Izuka, et al. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION OCCUMENT MARGEN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**) "Patterned Media: A Viable Route to 50 Gbit/in¹ and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media: 200 growing superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning". Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: initial if elblion considered, wneither or not citation is in conformance with MPEP 909: Draw line through etation is not of the page of t | l ₁ | | 5,014,259 | 5/7/91 | Goldberg, | et al. | | 11 | ET. |
| 4,986,938 1/22/91 Izuka, et al. 4,983,335 1/8/91 Matsuo, et al. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION OCCUMENT MANSER PATENT OR PUBLISHED FOREIGN PATENT APPLICATION OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.") "Patterned Media: A Viable Route to 50 Gbit/in' and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: initial if clauton considered, wneather or not citation is in conformance with MPEP 509: Draw tine through ditation it not | ч | | 5,002,706 | 3/26/91 | Yamashita | | | MA | 1 |
| 4,983,335 1/8/91 Matsuo, et al. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION OCCUMENT MAMBER PUBLICATION COMPINER CLASS SUBCLASS VEST NO NOTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**) "Patterned Media: A Viable Route to 50 Gbit/in² and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial if classion considered, wneather or not classion is in conformance with MPEP 609: Draw fine through distilled it not | 11 | | 4,999,234 | 3/12/91 | Cowan | | | 170 | 10 1 200 |
| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION OCCIMENT MARKER PUBLICATION OCCIMENT MARKER PATENT OFFICE CLASS SURCIASS TRANSLATION VES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.") "Patterned Media: A Viable Route to 50 Gbit/in² and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial if cibition considered, wnether or not citation is in conformance with MPEF 609; Draw line through citation it not | IJ | | 4,986,938 | 1/22/91 | Izuka, et al. | • | | 7.4 | 177 |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**) "Patterned Media: A Viable Route to 50 Gbit/in² and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in² or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial if clauton considered, wnether or not citation is in conformance with MPEP 509: Draw line through citation if not | ч | | 4,983,335 | 1/8/91 | Matsuo, et | al. | | | TOU |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**) "Patterned Media: A Viable Route to 50 Gbit/in² and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial if clation considered, whether or not citation is in conformance with MPEP 509: Draw tine through citation if not | | | FOREIGN | PATENT OR P | UBLISHED F | OREIGN PATENT APPL | ICATION | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.") "Patterned Media: A Viable Route to 50 Gbit/in² and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial if clation considered, whether or not citation is in conformance with MPEP 509: Draw tine through citation if not | | | DOCUMENT NUMBER | | , | | CLASS | SUBCLASS | |
| "Patterned Media: A Viable Route to 50 Gbit/in² and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial If classion considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not | | | | | | | | | |
| "Patterned Media: A Viable Route to 50 Gbit/in² and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial If classion considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not | | | OTHER DO | CUMENTS (Inc | luding Author, | Title, Date, Pertinent Pag | es, Etc.**) | L | |
| White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995 DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in2 or bust" (10 pages) DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial if claftion considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not | | | | | | | | ecording?". | Robert J. |
| DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial If cliation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not | NO | | | • | | | _ | • | |
| DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial If cliation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not | /W | | DATA Storag | e on Decembe | r 02, 1999, <i>i</i> | Article Date: Septembe | ≈r, 1998, " | Patterned n | nedia: 200 |
| promise superhigh storage densities" (10 pages) "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial if cliation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not | | | Gb/in2 or bus | 1" (10 pages) | | | | | |
| "Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEE, pages 3690-3692 "Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial if cliation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not | | | DATA Storag | e on Decembe | r 06, 1999, <i>i</i> | Article Date: Septembe | r, 1997, " | Patterned n | nedia |
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| Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769 "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial incidation considered, whether or not citation is in conformance with MPEP 609; Draw line through disting it not | | | 1987 IEE, pag | es 3690-3692 | • | | · | | |
| "Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial If clastion considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not | | | "Direct nanoir | nprint of subn | nicron organ | ic light-emitting struct | wes", Jian | ı Wang et a | 1, 1999 |
| Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005 EXAMINER: Initial Incidation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not | U | | Appl. Phys. L | ett., Vol. 75, 1 | lo. 18, 1 Nov | vember 1999, pages 27 | 67-2769 | | |
| EXAMINER DATE CONSIDERED \$ / 12/23 "EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not | | | "Lithographically induced self-construction of polymer microstructures for resistless patterning", | | | | | | |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not | | | Stephen Y. Cho | u et al., Appl. l | Phys. Lett., V | oi. 75, No. 7, August 19 | 99, p 1004 | -1005 | |
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^{*} Use Publication date indicated on the patent or published application. 37.CFR 1.98(b).

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY, DOCKET NO. SERIAL NO. Form PTO-1449 08CN8803-26 10/063,004 Information Disclosure APPLICANT Statement by Applicant Thomas P. Feist, et al. (Use several sheets if necessary) FILING DATE (37 cfr 1.98(b)) 03/11/02 U.S. PATENT DOCUMENTS 15.51 FE FILING DATE PATENT NUMBER CLASS SUBCLASS DATE !/U/ 5,161,134 11/3/92 Lee (Abstract) 4 5,159,511 10/27/92 Das (Abstract) 5,143,797 10/1/92 Hashima, et al. n 5.137,991 8/11/92 Epstein, et al. •1 6/2/92 5,118,771 Inoue, et al. 4 5/12/92 5.112,701 Katsuragawa b 5,112,662 5/12/92 Ng (Abstract) ч Yamamoto, et al. 5,109,377 4/28/92 4/21/92 5,106,553 Onisawa, et al. U 5,100,741 3/31/92 Shimoda, et al. 3/17/92 5,097,370 Hsia FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION TRANSLATION COUNTRY OR DOCUMENT NUMBER SUBCLASS DATE 06012715JP A .1/21/94 Japan (Abstract) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**) Proposal to the Alfred P. Sloan Foundation from The Graduate School of International Relations and Pacific Studies and The Center For Magnetic Recording Research, Feb. 19, COPY OF PAPERS 1998, http://ww-irps.ucse.edu/~sloan/papers/sloanprop98.html (27 pages) "Use of high performance resins for the planarization of magnetic rigid disk substrates", IEEE Transactions on Magnetics (Nov. 1991), vol.27, no.6, pt.2, p.5175-7 (Abstract) (1 page) "Planarizing coating using PMR polyimides (magnetic recording discs), IBM Technical 4 Disclosure Bulletin (Oct. 1982) vol.25, no.5, p.2453-4 (Abstract) "Nanoimprint lithography", Stephen Y. Chou et al., 1996 American Vacuum Society p.4129-4133 "Imprint of sub-25 nm vias and trenches in polymers", Stephen Y. Chou et al., 1995 American Institute of Physics, p.3114-3116 4 "Nano-compact disks with 400 Gbit/in2 storage density fabricated using nanoimprint lithography and read with proximal probe", Peter R. Krauss et al, 1997 American Institute of Physics, p. 3174-3176 EXAMINER DATE CONSIDERED *EXAMINER: Initial If citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| 1849 | 4,726,998 | 2/23/88 | Ikenaga, e | t al. | | | IF APPROPRIATE | 1 |
| " | 4,719,171 | 1/12/88 | Ikenaga, e | | - | 11 - 1 | 1 | |
| 4 | 4,658,392 | 4/14/87 | Langowsk | | · | 11 1 | 1 - <i>1</i> - | |
| 4 | 4,656,546 | 4/7/87 | Mallory (| Abstract) | | / | 1/- | 1 |
| L) | 4,622,284 | 11/11/86 | West, et a | L (Abstract) | | | 1 1 | |
| ` | 4,596,740 | 6/24/86 | Tsukane | | 11 | | 1 | 1 |
| ч | 4,596,739 | 6/24/86 | Piltingsru | i, et al. | $\prod I$ | | | |
| L. | 4,569,871 | 2/11/86 | Ohmori, e | t al. | .]] | 1 | ECE |] |
| 4 | 4,503,420 | 3/5/85 | Rub, et al. | (Abstract) | | | | VEI |
| 11 | 4,441,179 | 4/3/84 | Slaten | | $\perp \! \! \! \! \! \perp$ | 17 | 1012 | 102 |
| 4, | 4,415,942 | 11/15/83 | Frosch, et | al. . | Щ_ | | 4170 | 0 |
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Form PTO-1449 08CN8803-26 10/063,004 (Modified) Information Disclosure APPLICANT Statement by Applicant Thomas P. Feist, et al. (Use several sheets if necessary) FILING DATE (37 cfr 1.98(b)) 03/11/02 **U.S. PATENT DOCUMENTS** FILING DATE PATENT HUMBER PATENTEE CLASS SUBCLASS DATE IF APPROPRIATE W 5/07/85 Economy (Abstract) 4,515,828 LI 3/03/98 Weiss 5,723,033 5,907,448 5/25/99 Watanabe, et al. 7 4,877,666 10/31/89 Muchnik, et al. (Abstract) 4 1/23/90 4,896,292 Eich, et al. (Abstract) 4 3/27/90 4,911,967 Lazzari (Abstract) ü 4,964,934 10/23/90 Gregg (Abstract) 4 4,975,358 12/04/90 Sonnenschein, et al. (Abstract) 5,018,962 5/28/91 Kitamura, et al. (Abstract) 1 5,068,065 11/26/91 Maus, et al. (Abstract) 5,096,563 3/17/92 Yoshizawa, et al. (Abstract) FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION TRANSLATION COUNTRY OR DOCUMENT NUMBER SUBCLASS PATENT OFFICE NO YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**) EXAMINER DATE CONSIDERED *EXAMINER: Initial If citation consider ed, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| May | 5,120,603 | 6/09/92 | Schmidt (A | Abstract) | | / | / | |
| 4 | 5,164,465 | 11/17/92 | Epstein, et | al. (Abstract) | 1_/ | / | | _ |
| ~ | 5,267,112 | 11/30/93 | Batra, et al | . (Abstract) | | | | |
| 1, | 5,276,098 | :1/04/94 | Kohara, et | al. (Abstract) | | | | |
| 4 | 5,582,891 | 12/10/96 | Murakami, | et al. (Abstract) | | | |] |
| 4 | 5,585,989 | 12/17/96 | Kuromiya, | et al. (Abstract) | 1 | | | 1 |
| 4 | 5,669,995 | 9/23/97 | Hong (Abs | tract) | | RI | FO- | 1 |
| ţi. | 5,751,452 | 5/12/98 | Tanaka, et | al. (Abstract) | | 140 | UE/I | 1 |
| 1 | 5,804,017 | 9/08/98 | Hector (Ab | stract) | / | 1"A) | 0/1 2 | 1 |
| 4 | 5,807,498 | 9/15/98 | Gibbons, et | al. (Abstract) | / | 10 | - 1000 | ₫ |
| 11 | 5,808,830 | 9/15/98 | Stefansky, | et al. (Abstract) | 1 | | 100 | |
| | FOREIGN | PATENT OR P | | OREIGN PATENT APPL | JCATION | 4 | | 1 |
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| 1 Mar | 5,820,769 | 10/13/98 | Chou (Abs | tract) | | 4 | 4 | |
| Ŋ | 5,846,627 | 12/08/98 | Hong (Abs | stract) | 1/ | / | | |
| И | 5,859,833 | 1/12/99 | Chaterjee, | et al. (Abstract) | 1/_ | | | |
| 1, | RE 34,506 | 1/11/94 | Dobbin, et | al. (Abstract) | 1/ | 1/ | | |
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^{*} Use Publication date indicated on the patent or published application. 37 CFR 1.98(b).

The place of publication refers to the name of the journal, magazine or other publication in which the article was published.... Notice of January 9, 1992, 1:
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| INITIAL A | 19 | 4 7 | 42.420 | 5 3 00 | 0:1: | | 260 | 125 | IF APPROPE | IATE |
| : 4/ | | 4,74 | 42,420 | 5-3-88 | Oishi | | 360 | 135 | | |
| 4 | ,_, | 4,81 | 16,351 | 3-28-89 | Takagi | et al. | 428 | 694 | | |
| Ч | | 5,29 | 92,550 | 3-8-94 Fujii et | | al. | 427 | 165 | | |
| ų | | 5,50 | 04,638 | 4-2-96 | Kinoshi | ta et al. | 360 | 98.08 | | · |
| ч | | 5,74 | 41,403 | 4-21-98 | Tenhov | er et al. | 204 | 192.2 | | |
| lj | | 5,98 | 87,004 | 11-16-99 | Suwabe | | 369 | 290 | | |
| Ч | 6,027,801 2-22-00 Mar | | Maro e | al. | 428 | 332 | | | | |
| li | | 6,21 | 14,429 B1 | 4-10-01 | Zou et 2 | ıl. | 428 | 64.1 | . | |
| t į | | 6,43 | 33,964 B1 | 8-13-02 | Chang | | 360 | 133 | 1 | |
| u | | 200 | 01/0022705 A1 | 9-20-01 | Mori et | al. | 360 | 135 | / | |
| t' | | | | | | - | | | | |
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| Mis | (| JP2 | 2-96919 | 4-9-90 | Japan | | | / / | 3. | J |
| | | ЈР2 | 2-96921 | 4-9-90 | Japan | | | | | y |
| U | ÷¥ | JP6 | 51-131232 | 6-18-86 | Japan | | | 1 | | > |
| U | ī | JP6 | 51-242327 | 10-28-86 | Japan | | | 1/ | | 1 |
| ۲ | , | JP6 | 51-92814 | 5-10-86 | Japan | , Title, Date, Pertinent I | | PEO | | ./ |
| | | | OTHER DOCUME | NTS (Includin | ng Author | , Title, Date, Pertinent F | Pages Etc. | MAZ OF | Va. | |
| | | | Derwent Abstract, JP02 | 096919A, April 9 | 9, 1990. | | 170 | 1003 | , CO | |
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| | | • | Derwent Abstract, JP02 | 096921A, April 9 | 9, 1990. | | | | | |
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| 143 | | ЛР 6 | 52-124625 | 6-5-87 | Japan | | 9 | | / , | | 1 |
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| | | | OTHER DOCU | MENTS (Includi | ng Author | r, Title, Date, Per | tinent F | Pages, Etc | GA "I | | 50 |
| | | | Derwent Abstract, Jl | P61092814A, May | 10, 1986. | | | | رم | 103 | - |
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| | PADE | Der of Abstract, JP62124625A, June 5, 1987. | | |
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| | | Odian, George. Principles of Polymerization, Third | Lutton. John Wiley and Sons, 1991. | . Pages 150-162. |
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| My | 1 | 5,902,172 | 05/11/99 | | o (Abstract) | | 1 | 90 | |
| l1 | 2 | 5,900,126 | 05/04/99 | Nelson, | et al. (Abstract) | | | | |
| 9 | 3 | 5,897,578 | 03/09/99 | Chung, | et al. (Abstract) | | | | |
| ι_{l} | 4 | 5,874,376 | 02/23/99 | Taguch | i, et al. (Abstract) | | | | |
| 4 | 5 | 5,871,654 | 02/16/99 | Manna | mi, et al. (Abstract) | | | | |
| 1 | 6 | 5,868,953 | 02/09/99 | Maeka | wa, et al. (Abstract) | | | | |
| 4 | 7 5,866,489 02/02/99 Yan | | | | uchi (Abstract) | | | | |
| 4 | 8 | 5,855,951 01/05/99 Ne | | | et al. (Abstract) | | | | |
| li | 9 . | 5,846,280 12/08/98 | | Speit (Abstract) | | | | | |
| 1,1 | 10 | 5,831,309 | 831,309 11/03/98 | | h, et al. (Abstract) | | | | |
| (| 11 | 5,811,182 | 09/22/98 | Weir, e | t al. (Abstract) | | 1 | | |
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| WI | 12 | JP 09237437 | 09/09/1997 | Japan | · | | | J | |
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| *EXAMINER | P | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING FAE IF APPROPRIATE |
| 177 | 14. | 5,800,895 | 09/01/98 | Vygovs | ky, et al. (Abstract) | 1 | 1 | /- |
| 11 | 15 | 5,726,108 | 03/10/98 | Taguch | ni, et al. (Abstract) | 1 | | |
| 4 | 16 | 5,707,705 | 01/13/98 | Nelson, et al. (Abstract) | | | | |
| ŧį | 17 | 5,691,256 | 11/25/97 | 5/97 Taguchi, et al. (Abstract) | | | | |
| e _j | 18 | 5,681,635 | 10/28/97 | Nelson | , et al. (Abstract) | | | |
| 4 | 19 | 5,663,016 | 09/02/97 | Hong (| Abstract) | | | |
| · · | 20 | 5,635,269 | 06/03/97 | Weir, e | et al. (Abstract) | | | |
| (₁ | 21 | 5,629,417 | 05/13/97 | Campb | oell, et al. (Abstract) | | | |
| Ц | 22 | 5,626,935 | 05/06/97 Goto, 6 | | t al. (Abstract) | | | |
| ί, | 23 | 5,626,920 | 05/06/97 | 05/06/97 Weir, et al. (A | | Ш | | |
| િ | 24 | 5,622,816 | 04/22/97 | Maenz | a, et al. (Abstract) | | | |
| | | | FORE | EIGN PATI | ENT DOCUMENTS | | | 1 |
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| HUL; | .2 1 20 | な <u> </u> | ,, | | FILING MARCH 11, 20 | | ROUP | 1713 |
| 1 | ATRAD | CHE CHE | U.S | S. PATENT | DOCUMENTS | | | 2 |
| *EXAMINER | TRAU | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS (| FILING PATE |
| MAG | 25 | 5,567,217 | 10/22/96 | Goto, e | t al. (Abstract) | / | 6 | 35 11 |
| | 26 | 5,561,089 | 10/01/96 | Ishizak | i, et al. (Abstract) | /- | | 25 X |
| 11 | 27 | 5,536,549 | 07/16/96 | Nelson, | et al. (Abstract) | | | 90 / |
| <i>(</i> 1 | 28 | 5,516,899 | 05/14/96 | Campb | ell, et al. (Abstract) | | | |
| 4 | 29 | 5,510,164 | 04/23/96 | Best, et | al. (Abstract) | | | |
| 4 | 30 | 5,469,312 | 11/21/95 | Watana | abe, et al. (Abstract) | | | |
| 4 | 31 | 5,468,324 | 11/21/95 | Hong (| Abstract) | | | |
| :h | 32 | 5,453,961 | 09/26/95 | Brazas | (Abstract) | | | |
| η | 33 | 5,441,788 | 08/15/95 | Bloome | quist, et al. (Abstract | | | 1 |
| ď | 34 | 5,437,887 | 08/01/95 | Yarkosky, et al. (Abstract) | | | | |
| 9. | 35 | 5,400,317 | 03/21/95 | Strasse | r, et al. (Abstract) | | 1/ | <u> </u> |
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| 6 | INFO | RMATION DISCLOSURE | | FEIST, ET AL. | | | |
| NUL. | .21 | | ,uu j | FILING MARCH 11, 200 | | ROUP | 713 |
| | | 9 | U.s | S. PATENT DOCUMENTS | V# 1 | | 2 |
| EXAMINER | TATE | DOÇUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | CFLING DE |
| INITIAL | 36 | 5,391,522 | 02/21/95 | Goto, et al. (Abstract) | / | Ĉ | 1 25 14 |
| Tic | 37 | 5,366,542 | 11/22/94 | Yamada, et al. (Abstract) | /. | | 2001 |
| 4 | 38 | 5,234,717 | 08/10/93 | Matsuno, et al. (Abstract) | | | 0 |
| Ч | 39 | 5,226,955 | 07/13/93 | Owaki, et al. (Abstract) | | | |
| 4 | 40 | 5,209,837 | 05/11/93 | Tsuya, et al. (Abstract) | | | |
| 4 | 41 | 5,166,014 | 11/24/92 | Ledieu (Abstract) | | | |
| i i | 42 | 5,137,617 | 08/11/92 | Helfet, et al. (Abstract) | | | |
| ч | 43 | 5,131,977 | 07/21/92 | Morizane, et al. (Abstract) | | | |
| lį . | 44 | 5,128,922 | 07/07/92 | Inui, et al. (Abstract) | | | |
| ц | 45 | 5,108,781 | 04/28/92 | Ranjan, et al. (Abstract) | | | |
| ·(. | 46 | 5,091,225 | 02/25/92 | Goto (Abstract) | | | |
| | | | FORI | EIGN PATENT DOCUMENTS | , | · · · · · · · · · · · · · · · · · · · | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DATE |
| My | 47 | 5,087,481 | 02/11/92 | Chen, e | t al. (Abstract) | | 1 | 0 3 |
| | 48 | 5,084,355 | 01/28/92 | Takaha | shi, et al. (Abstract) | | | 1>00 |
| | 49 | 5,082,728 | 01/21/92 Miyake, et al. (Abstract) | | | | 90 | |
| | 50 | 5,074,971 | 12/24/91 | /24/91 Tsuya, et al. (Abstract) | | | | |
| 4 | 51 | 5,047,274 | 09/10/91 | Tsuya, | et al. (Abstract) | | | 1 |
| | 52 | 4,996,622 | 02/26/91 | Takatsu | ki, et al. (Abstract) | | | |
| 4 | 53 | 4,985,306 | 06 01/15/91 1 | | ne, et al. (Abstract) | | | |
| կ | 54 | 4,971,932 | 11/20/90 | Alpha, | et al. (Abstract) | | | |
| 4 | 55 | 4,956,015 | 09/11/90 | Okajim | a, et al. (Abstract) | | | |
| 4 | 56 | 4,953,385 09/04/90 | | Aoki, et | al. (Abstract) | | | |
| 4 | 57 | 4,931,147 | 06/05/90 | Legiers | e, et al. (Abstract) | | | |
| | | | FORE | IGN PATE | NT DOCUMENTS | | | |
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ATTY DOCKET N SERIAL NO. 08CN8803 10/063,004 পিত্র DISCLOSURE CITATION FEIST, ET AL. (Use several sheets if necessary) **GROUP** FILING 1713 MARCH 11, 2002 **U.S. PATENT DOCUMENTS EXAMINER** CLASS SUBCLASS DOCUMENT NUMBER DATE NAME INITIAL 05/15/90 Tsuya, et al. (Abstract) 58 4,925,738 04/24/90 Kimura, et al. (Abstract) 59 4,920,441 τ_{i} 60 4,876,117 10/24/89 Bornstein (Abstract) 06/13/89 Tsukamoto (Abstract) 4,839,244 4 62 4,835,909 06/06/89 Richter, et al. (Abstract) 05/02/89 11 Coe, et al. (Abstract) 63 4,825,680 4 02/28/89 Wada, et al. (Abstract) 64 4,808,455 4 65 4,775,608 10/04/88 Baum, et al. (Abstract) 4 04/12/88 Krongelb, et al. (Abstract) 66 4,737,877 Ikenaga, et al. (Abstract) 01/12/88 67 4,719,171 4 11/24/87 Dahlstrom, et al. (Abstract) " 68 4,709,361 FOREIGN PATENT DOCUMENTS TRANSLATION COUNTRY · CLASS SUBCLASS DATE DOCUMENT NUMBER YES (Including Author, Title, Date, Pertinent Pages, Etc.) OTHER DOCUMENTS

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| (4 | UN .2 | Use Several sheets if necess | 77 | FILING MARCH 11, 200 | | ROUP | 72 1/2 | | | | |
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| EXAMINER | P (BAC | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE | | | | |
| 1/W/ | 69 | 4,708,919 | 11/24/87 | Shimkunas, et al. (Abstract) | | /. | IF APPROPRATE | | | | |
| 7,047 | 70 | 4,705,566 | -11/10/87 | Senda, et al. (Abstract) | | | | | | | |
| h | 71 | 4,698,716 | 10/06/87 | Lazzari (Abstract) | | | // | | | | |
| I, | 72 | 4,690,846 | 09/01/87 | Wada, et al. (Abstract) | | | | | | | |
| ti | 73 | 4,678,547 | 07/07/87 | Miyamoto, et al. (Abstract) | | | | | | | |
| 1 | 74 | 4,659,605 | 04/21/87 | Malik, et al. (Abstract) | | | | | | | |
| lı . | 75 | 4,619,804 | 10/28/86 | Leonard, et al. (Abstract) | | | | | | | |
| L | 4,590,493 05/20/86 In | | | Inoue, et al. (Abstract) | | | | | | | |
| 4 | 77 | 4,554,655 | 11/19/85 | Kumasaka, et al. (Abstract) | | | /. | | | | |
| l _t | 78 | 4,552,820 | 11/12/85 | Lin, et al. (Abstract) | | | | | | | |
| ή | 79 4,430,387 02/07/84 Na | | | Nakagawa, et al. (Abstract) | | | | | | | |
| | | | FORE | IGN PATENT DOCUMENTS | | | | | | | |
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| INITIAL . | | | DATE | | NAME | CLASS | SUBCLASS | IF APPROPRIATE | | |
| Kur | 80 | 4,419,704 | 12/06/83 | Radman, et al. (Abstract) | | | | | | |
| · | 81 | 4,404,238 | 09/13/83 | Baldwin (Abstract) | | | | | | |
| l ₁ | 82 | 4,402,798 | 09/06/83 | Gorog, | et al. (Abstract) | | | | | |
| ι _ι | 83 | 4,329,697 | 05/11/82 | Bell (Ab | ostract) | | | | | |
| ધ્ | 84 | 4,305,081 | 12/08/81 | Spong (| Abstract) | | | 1 | | |
| () : | 85 | 4,222,070 | 09/09/80 | Howe, e | t al. (Abstract) | | | | | |
| ч | 86 | 4,206,256 | 06/03/80 | Matthie | s, et al. (Abstract) | | | | | |
| ч | 87 | 4,057,831 | 11/08/77 | Jacobs, | et al. (Abstract) | | | | | |
| 4 | 88 | 5,538,774 | ,538,774 07/23/96 Land | | et al. | | | | | |
| 4 | 89 | 5,585,159 | 12/17/96 Miyake, | | et al. | 1 | 1 | | | |
| ų | 90 | 5,585,989 | 12/17/96 Kuror | | ya, et al. | | | | | |
| | FOREIGN PATENT DOCUMENTS | | | | | | | | | |
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| Als | 91 | CA 2259483 | 08/01/1998 | Canada | (Abstract) | | / | 1 | | |
| વ | 92 e | CA.1323697 | A 1323697 26/10/1993 Cana | | (Abstract) | | | J | | |
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| | ENT & I | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | | |
| THE | 93 | 5,875,083 | 02/23/99 | Oniki, e | et al. | / | 4/ | 1 | | | |
| 1 1. | 94 | 5,900,318 | 05/04/99 | Yanagi | sawa | / | | | / | | |
| •1 | 95 | 5,948,495 | 09/07/99 | Stanish | , et al. | | | | | | |
| ч | 96 | 5,981,015 | 11/09/99 | Zou, et | al. | | | | | | |
| И | 97 | 6,030,681 | 02/29/00 | Czubar | ow, et al. | | | | | | |
| ન | 98 | 6,236,542 B1 | 05/22/01 | Hartog | , et al. | | | | • | | |
| h. | ÿÿ | 6,347,016 B1 | 02/12/02 | Ishida, et al. | | / | | | | | |
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Electronic Information Disclosure Statement

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Application:

Confirmation:

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Applicant(s):

Thomas Feist

Docket Number:

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Group Art Unit:

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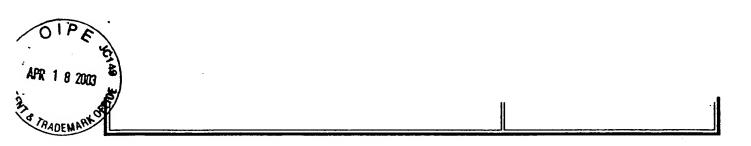
US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init Citation | Patent Number | Date | Bar Code | Patentee | Class | Subclass |
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Thomas P. Feist, et al.

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ADEMAN ATENT DOCUMENTS

| SXAMINER: INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | | |
|-------------------|-----------------|----------|---------------------|-------|-------------|-----------------------------|--|--|--|
| Mil | 3,198,657 | 8/3/65 | P.D. KIMBALL et al. | 117 | 101 | 9/17/64 | | | |
| Ly | 4,020,278 | 4/26/77 | CARRE et al. | 358 | 128 | 10/16/75 | | | |
| 4 | 4,211,617 | 7/8/80 | HUNYAR et al. | 204 | 5 | 9/21/78 | | | |
| ί, | 4,243,317 | 1/6/81 | GARBE et al. | 355 | 91 | 6/27/79 | | | |
| 1 | 4,267,212 | 5/12/81 | SAKAWAKI | 427 | 240 | 9/19/79 | | | |
| 4 | 4,363,844 | 12/14/82 | LEWIS, et al. | 428 | 65 | 9/20/80 | | | |
| 1 | 4,451,507 | 5/29/84 | BELTZ et al. | 427 | 240 | 10/29/82 | | | |
| 1 | 4,457,259 | 7/3/84 | SAMUELS | . 118 | 705 | 3/14/83 | | | |
| L ₁ | 4,514,583 | 04/1985 | IZU et al. | 136 | 259 | | | | |
| l, | 4,592,939 | 6/3/86 | TEMPLE et al. | 428 | 64 | 12/4/84 | | | |
| 4 | 4,659,407 | 4/21/87 | LACOTTE et al. | 156 | 196 | 7/2/84 | | | |
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FOREIGN PATENT DOCUMENTS

| | | | COUNTRY | CLASS | SUBCLASS . | TRANSLATION | |
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| İ | DOCUMENT NUMBER | DATE | | | | YES | .NO |
| Niss | WO 00/21689 | 2/4/00 | WORLD ORGANIZATION | | | | 1 |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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